

Patent Claims

1. Three-dimensionally adjustable armrest, in the case of which the armrest carrier (1) can be adjusted  
5 in respect of height and the arm support (10, 11) can be adjusted longitudinally in a horizontal plane, and the arm support (10, 11) can also be rotated through at least 90° about an axis (17), characterized in that the axis (17) is eccentric in relation to the axis of  
10 symmetry of the arm support (10, 11) which runs in the seat direction, and the longitudinal adjustability and the eccentric rotatability of the arm support (10, 11) are achieved in that a carrying panel (10) of the arm support is connected to a longitudinally running guide  
15 (7) in which the guide noses (6) of a rotary part (4) run, the rotary part being mounted in a rotatable manner in the rotary bearing (5) at the top end of the armrest carrier (1, 2), and the guide (7) being arranged parallel, but eccentrically in relation, to  
20 the axis of symmetry of the arm support (10, 11).

2. Armrest according to Claim 1, characterized in that the vertical distance between the eccentric point of rotation and the axis of symmetry of the arm support  
25 is between 5 and 15 mm, preferably 10 mm.

3. Armrest according to Claim 1, characterized in that the guide (7) is arranged in a housing (12) which is screwed to the underside of the carrying panel (10)  
30 by means of the screws (13), and connection to the rotary part (4) is achieved in that a retaining plate (8) is provided above the guide (7), the retaining plate being screwed to the guide noses (6) of the rotary part (4) via the retaining screws (9).

35 4. Armrest according to Claim 1, characterized in that the armrest carrier comprises a carrier (1), which is connected to the seat via a seat flange (3) which can be adjusted transversely to the seat direction, and

a sleeve (2), which slides on the carrier (1) and in the top end of which is provided the rotary bearing (5) with the rotary part (4), and in that vertical rotary latching protrusions (15) are provided on the circumference of the rotary part (4) and horizontal expansible latching protrusions (14) are provided between the underside of the guide housing (12) and the rotary part (4), with the result that the arm support (10, 11) can be fixed in a number of positions both in the rotary direction and along the seat direction.

5. Armrest according to Claim 1, characterized in that, with the arm support (10, 11) rotated through  $90^\circ$  in relation to the longitudinal direction of the chair, the clear distance between the two arm supports of the chair is variable by up to 2 cm on each side, that is to say by a total of 4 cm.

6. Armrest according to Claim 1, characterized in that the arm support (10, 11) can be rotated through at least  $180^\circ$ .

7. Armrest according to Claims 3 and 5, characterized in that the arm support (10, 11) can be fixed in rotary positions which differ from one another by  $15^\circ$ .

8. Armrest according to Claim 5, characterized in that the clear distance between the two arm supports of the chair can be adjusted in a range of from 30 cm to 55 cm.